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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Juha Ylitalo et al.

Application No. 09/586,561

Filed: June 2, 2000

For: Closed Loop Feedback System for
Improved Down Link Performance

Confirmation No.: 7618

Group Art Unit: 2634

Examiner: Williams, Lawrence B.

Atty Docket: 004770.81503

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the duty of disclosure under 37 CFR §§ 1.56 and 1.97-1.98, the documents listed on the attached forms, PTO/SB/08b, are being brought to the attention of the Examiner in charge of the above-identified application. Copies of the non-patent literature documents are enclosed, in accordance with 37 C.F.R. § 1.98(a)(2).

The Examiner is respectfully requested to initial the space adjacent the documents entry on the PTO form, and to return a copy of the initialed PTO Form to confirm that the documents have been considered and has been officially made of record in this application.

If the Examiner has any questions or wishes to discuss this application, the Examiner is invited to telephone the undersigned representative at the number set forth below.

The present Information Disclosure Statement is being filed after the mailing date of the first Office Action on the merits, but before a Final Office Action or Notice of Allowance. This

Application No. 09/586,561

Statement is accompanied by the \$180.00 fee (37 CFR 1.97(c)(2)). If there is any discrepancy in the fee, the Commissioner is authorized to charge our Deposit Account No. 19-0733.

Respectfully submitted,
BANNER & WITCOFF, LTD.

Date: November 2, 2004

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By: 

Bradley C. Wright
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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

Complete if Known

Application Number	09/586,561
Filing Date	June 2, 2000
First Named Inventor	Juha Ylitalo et al.
Art Unit	2634
Examiner Name	Williams, Lawrence B.
Attorney Docket Number	004770.81503

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		VON RAMM, OLAF T. and SMITH, STEPHEN W., "Beam Steering with Linear Arrays," IEEE Transactions on Biomedical Engineering, August 1983, pgs. 438-452, Vol. BME-30, No. 8	
		KATZ, MARCOS and YLITALO, JUHA, "Beamspace-Time Coding Method For Downlink Performance Enhancement Of CDMA Micro/Pico-cell Base Stations," Proceedings of Finnish Signal Processing Symposium, University of Oulu, Finland, May 31, 1999, pages 25-29	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.